

WHAT IS CLAIMED IS:

1. A developing apparatus comprising:
a developing container for containing developer
including toner and carrier, and developing an
5 electrostatic image formed on an image bearing
member;

a carrying member for carrying the developer in
said developing container; and

a discharge port provided in said developing
10 container for discharging therethrough any excess
developer resulting from a supply of the developer,

wherein a developer carrying capability of said
carrying member is greater in an area near said
discharge port than in an area downstream of said
15 discharge port in a carrying direction of the
developer.

2. A developing apparatus according to Claim 1,
wherein the developer carrying capability of said
20 carrying member is set so that a level of the
developer in the area near said discharge port may be
lower than that in a contour portion of said carrying
member and that a level of the developer in the area
downstream of said discharge port in the carrying
25 direction of the developer may be higher than a
contour portion of said carrying member.

3. A developing apparatus according to Claim 2,
wherein said carrying member has a spiral wing
portion provided on a rotary shaft, and an agitating
rib provided on said rotary shaft, and said agitating
5 rib is not provided in the area near said discharge
port, but is provided in the area downstream of said
discharge port in the carrying direction of the
developer.

10 4. A developing apparatus according to Claim 1,
wherein the developer carrying capability of said
carrying member is greater in the area near said
discharge port than in an area upstream of said
discharge port in the carrying direction of the
15 developer.

5. A developing apparatus according to Claim 4,
wherein the developer carrying capability of said
carrying member is set so that a level of the
20 developer in the area near said discharge port may be
lower than that in a contour portion of said carrying
member and that a level of the developer in the areas
upstream and downstream of said discharge port in the
carrying direction of the developer may be higher
25 than that in the contour portion of said carrying
member.

6. A developing apparatus according to Claim 5,
wherein said carrying member has on a rotary shaft a
spiral wing portion for carrying the developer, and
an agitating rib is provided on said rotary shaft
5 except for the area near said discharge port.

7. A developing apparatus according to Claim 1
or 4, wherein said developing container has a
developing chamber for developing the electrostatic
10 image on said image bearing member, and an agitating
chamber provided with said carrying member and said
discharge port, a developer circulating route being
constituted between said agitating chamber and said
developing chamber.

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